

EAST Search History

EAST Search History (Prior Art)

Ref #	Hits	Search Query	DBs	Default Operator	Plurals	Time Stamp
L1	2	(plasma and (aluminum steel) and ((coat\$3 film\$3 layer\$3 membrane\$2) with ceramic\$2 with ((thermal plasma) adj spray\$3)) and ((seal\$4 pore\$2 porosity density densifi\$6) with resin)).dm.	US-PGPUB; USPAT	OR	OFF	2010/04/09 22:46
S1	1	"20040216667"	US-PGPUB; USPAT	OR	ON	2008/05/14 07:52
S2	6	("6771483" "43573874310390" "6120955" "5534356" "5892278").pn. "20050150866"	US-PGPUB; USPAT	OR	ON	2008/05/14 07:56
S3	2	"20050150866"	US-PGPUB; USPAT	OR	ON	2008/05/14 07:58
S4	762	427/446.cds.	US-PGPUB; USPAT	OR	ON	2008/05/14 08:18
S5	384	S4 and @ad< "20021128"	US-PGPUB; USPAT	OR	ON	2008/05/14 08:19
S6	21	S5 and (spray\$3 with seal \$3)	US-PGPUB; USPAT	OR	ON	2008/05/14 08:19
S7	38	S5 and (spray\$3 same seal \$3)	US-PGPUB; USPAT	OR	ON	2008/05/14 08:28
S8	17	S7 not S6	US-PGPUB; USPAT	OR	ON	2008/05/14 08:29
S9	109234	"427"/\$.cds.	US-PGPUB; USPAT	OR	ON	2008/05/14 08:32
S10	64354	S9 and @ad< "20021128"	US-PGPUB; USPAT	OR	ON	2008/05/14 08:32
S11	185	S10 and ((spray\$3 with seal \$3) and plasma)	US-PGPUB; USPAT	OR	ON	2008/05/14 08:32
S12	11	plasma and (((ceramic\$2 alumina or (aluminum adj oxide)) with spray\$3) with (seal\$3 near7 resin\$2))	US-PGPUB; USPAT	OR	ON	2008/05/14 10:34
S13	21	plasma and (((ceramic\$2 alumina or (aluminum adj oxide)) with spray\$3) same (seal\$3 near7 resin\$2))	US-PGPUB; USPAT	OR	ON	2008/05/14 10:38
S14	10	S13 not S12	US-PGPUB; USPAT	OR	ON	2008/05/14 10:38

S15	3	S14 and @ad<"20021128"	US-PGPUB; USPAT	OR	ON	2008/05/14 10:38
S16	1	"4310390".pn.	US-PGPUB; USPAT	OR	ON	2008/05/14 11:50
S17	21	(US-20040216667-\$ or US-20050150866-\$ or US-20020155227-\$ or US-20030072891-\$ or US-20030082412-\$ or US-20030113479-\$ or US-20030219544-\$).did. or (US-5534356-\$ or US-5892278-\$ or US-6120955-\$ or US-6771483-\$ or US-7300537-\$ or US-5948521-\$ or US-3607343-\$ or US-4713284-\$ or US-5169674-\$ or US-5800871-\$ or US-6849306-\$ or US-6835425-\$ or US-4422749-\$ or US-5952054-\$).did.	US-PGPUB; USPAT	OR	ON	2008/05/14 12:01
S18	2	S17 and (seal\$3 with resi\$2 with (silicone PTFE PI polyamides PFA))	US-PGPUB; USPAT	OR	ON	2008/05/14 12:03
S19	0	plasma and (anodiz\$5 with (seal\$3 with resi\$2 with (silicone PTFE PI polyamides PFA)))	US-PGPUB; USPAT	OR	ON	2008/05/14 13:20
S20	0	plasma and ((anodiz\$5 with seal\$3 with resi\$2) same (silicone PTFE PI polyamides PFA))	US-PGPUB; USPAT	OR	ON	2008/05/14 13:20
S21	2	plasma and ((anodiz\$5 with seal\$3) same (resi\$2 near8 silicone PTFE PI polyamides PFA))	US-PGPUB; USPAT	OR	ON	2008/05/14 13:21
S22	1	"4357387".pn.	US-PGPUB; USPAT	OR	OFF	2008/08/24 13:34
S23	1	"20040216667"	US-PGPUB; USPAT	OR	ON	2008/11/30 17:05
S24	1	S23 and (seal\$3 near8 barrier)	US-PGPUB; USPAT	OR	ON	2008/11/30 17:05
S25	112993	"427"/\$.ccis.	US-PGPUB; USPAT	OR	ON	2008/12/01 08:51
S26	64430	S25 and @ad<"20021128"	US-PGPUB; USPAT	OR	ON	2008/12/01 08:51
S27	19	S26 and ((spray\$3 with ((porus pores) near7 (seal \$3 filling filled))) and plasma)	US-PGPUB; USPAT	OR	ON	2008/12/01 08:51
S28	1	"7067178".pn.	DERWENT	OR	ON	2008/12/01 10:40

S29	28	"428"/\$.ccls. and ((spray\$3 with ((porus pores) near7 (seal\$3 filling filled))) and plasma)	US-PGPUB; USPAT	OR	ON	2008/12/01 10:41
S30	15	S29 and @ad<"20021128"	US-PGPUB; USPAT	OR	ON	2008/12/01 10:42
S31	21	(US-20040216667-\$ or US-20050150866-\$ or US-20020155227-\$ or US-20030072891-\$ or US-20030082412-\$ or US-20030113479-\$ or US-20030219544-\$).did. or (US-5534356-\$ or US-5892278-\$ or US-6120955-\$ or US-6771483-\$ or US-7300537-\$ or US-5948521-\$ or US-3607343-\$ or US-4713284-\$ or US-5169674-\$ or US-5800871-\$ or US-6849306-\$ or US-6835425-\$ or US-4422749-\$ or US-5952054-\$).did.	US-PGPUB; USPAT	OR	ON	2008/12/01 10:42
S32	13	S30 not S31	US-PGPUB; USPAT	OR	ON	2008/12/01 10:42
S33	112993	"427"/\$.ccls.	US-PGPUB; USPAT	OR	ON	2008/12/01 10:42
S34	64430	S33 and @ad<"20021128"	US-PGPUB; USPAT	OR	ON	2008/12/01 10:42
S35	19	S34 and ((spray\$3 with ((porus pores) near7 (seal \$3 filling filled))) and plasma)	US-PGPUB; USPAT	OR	ON	2008/12/01 10:42
S36	19	S31 not S35	US-PGPUB; USPAT	OR	ON	2008/12/01 10:42
S37	6	S30 not S35	US-PGPUB; USPAT	OR	ON	2008/12/01 10:43
S38	5	(118/715-733.ccls. 156/345.\$2.ccls.) and ((spray\$3 with ((porus pores) near7 (seal\$3 filling filled))) and plasma)	US-PGPUB; USPAT	OR	ON	2008/12/01 10:45
S39	2	S38 and @ad<"20021128"	US-PGPUB; USPAT	OR	ON	2008/12/01 10:45
S40	16	("5909354" "5981913").PN. OR ("6120661").URPN.	US-PGPUB; USPAT; USOCR	OR	OFF	2008/12/01 10:47
S41	8	("4501787").PN. OR ("4713284").URPN.	US-PGPUB; USPAT; USOCR	OR	OFF	2008/12/01 10:48
S42	14	("2685543" "3885064" "3959092" "4230751" "4239556" "4250208").PN. OR ("5789077").URPN.	US-PGPUB; USPAT; USOCR	OR	OFF	2008/12/01 10:49

S43	8	("3754903" "4687678" "5082741" "5277936" "5397649" "5455119" "5912087").PN. OR ("6132890").URPN.	US-PGPUB; USPAT; USOCR	OR	OFF	2008/12/01 10:50
S44	13	("4344904" "4495907" "4503130" "4916022" "5059095" "5080977" "5350599" "5652044" "5705231" "5894053" "5993980").PN. OR ("6521293").URPN.	US-PGPUB; USPAT; USOCR	OR	OFF	2008/12/01 10:50
S45	59	S40 or S41 or S42 or S43 or S44	US-PGPUB; USPAT; USOCR	OR	OFF	2008/12/01 10:51
S46	50	S45 and @ad<"20021128"	US-PGPUB; USPAT	OR	ON	2008/12/01 10:51
S47	1	S46 and ((spray\$3 with (porus pores) near7 (seal \$3 filling filled))) and plasma)	US-PGPUB; USPAT	OR	ON	2008/12/01 10:51
S48	14	S46 and (plasma and spray \$3 and (seal\$4 filling filled))	US-PGPUB; USPAT	OR	ON	2008/12/01 10:53
S49	36	S46 not S48	US-PGPUB; USPAT	OR	ON	2008/12/01 11:05
S50	9	S49 and seal\$3	US-PGPUB; USPAT	OR	ON	2008/12/01 11:05
S51	25	(US-20040216667-\$ or US-20050150866-\$ or US-20020155227-\$ or US-20030072891-\$ or US-20030082412-\$ or US-20030113479-\$ or US-20030219544-\$).did. or (US-5534356-\$ or US-5892278-\$ or US-6120955-\$ or US-6771483-\$ or US-7300537-\$ or US-5948521-\$ or US-3607343-\$ or US-4713284-\$ or US-5169674-\$ or US-5800871-\$ or US-6849306-\$ or US-6835425-\$ or US-4422749-\$ or US-5952054-\$ or US-5789077-\$ or US-6132890-\$ or US-6521293-\$ or US-5909354-\$).did.	US-PGPUB; USPAT	OR	OFF	2008/12/01 12:04
S52	16	S51 and plasma and spray and (seal\$3 filling filled)	US-PGPUB; USPAT	OR	OFF	2008/12/01 12:05
S53	14	S52 and @ad<"20021128"	US-PGPUB; USPAT	OR	ON	2008/12/01 12:05

S54	12633	plasma and ((spray near8 (coat\$4 layer\$4 film\$4)) and (seal\$3 filling filled))	US-PGPUB; USPAT	OR	OFF	2008/12/01 12:17
S55	5746	S54 and @ad<"20021128"	US-PGPUB; USPAT	OR	OFF	2008/12/01 12:18
S56	2180	S55 and ((118/715-733 156/345.\$2 "428"/\$ "427"/\$ "438"/\$ "216"/\$ 204/192.\$2 315/111.\$2).cols.	US-PGPUB; USPAT	OR	OFF	2008/12/01 12:19
S57	5368	plasma and ((spray near8 (coat\$4 layer\$4 film\$4)) and ((film\$2 layer\$2 coat \$3) near6 (seal\$3 filling filled)))	US-PGPUB; USPAT	OR	OFF	2008/12/01 12:20
S58	2290	S57 and @ad<"20021128"	US-PGPUB; USPAT	OR	OFF	2008/12/01 12:20
S59	5368	plasma and ((spray near8 (coat\$4 layer\$4 film\$4)) and ((film\$2 layer\$2 coat \$3) near6 (seal\$3 filling filled)))	US-PGPUB; USPAT	OR	OFF	2008/12/01 14:23
S60	2290	S59 and @ad<"20021128"	US-PGPUB; USPAT	OR	OFF	2008/12/01 14:23
S61	1010	S60 and ((118/715-733 156/345.\$2 "428"/\$ "427"/\$ "438"/\$ "216"/\$ 204/192.\$2 315/111.\$2).cols.	US-PGPUB; USPAT	OR	OFF	2008/12/01 14:23
S62	0	("4915906" "6342272" "7157147").in.	US-PGPUB; USPAT	OR	OFF	2008/12/01 17:14
S63	3	("4915906" "6342272" "7157147").pn.	US-PGPUB; USPAT	OR	OFF	2008/12/01 17:14
S64	42567	polymer\$2 near8 ceramic\$2	US-PGPUB; USPAT	OR	OFF	2008/12/01 18:25
S65	173	S64 and ((118/715-733 156/345.\$2).cols.	US-PGPUB; USPAT	OR	OFF	2008/12/01 18:26
S66	18	("2697058" "2716075" "2866718" "4206248" "4812335" "5041713" "5106910" "5285967" "5322715" "5439710" "5585146").FN. OR ("6342272").URPN.	US-PGPUB; USPAT; USOCR	OR	OFF	2008/12/01 18:40
S67	119	plasma and ((spray near8 (coat\$4 layer\$4 film\$4)) and ((film\$2 layer\$2 coat \$3) near6 (seal\$3 filling filled)))	EPO; JPO; DERWENT	OR	OFF	2008/12/01 20:22
S68	88	S67 and @ad<"20021128"	EPO; JPO; DERWENT	OR	OFF	2008/12/01 20:22
S69	1	"20070181254"	US-PGPUB; USPAT	OR	OFF	2008/12/01 21:35

S70	11	("5180467" "5334462" "5820723" "5882411" "6079356" "6296716" "6383964" "7147749" "7163585" "7300537" "7311797").PN.	US-PGPUB; USPAT	OR	ON	2009/06/10 19:33
S71	4	("7364798" "6082444" "5302465" "6178919").pn.	US-PGPUB; USPAT	OR	ON	2009/06/10 19:34
S72	4	"20080070051" "20070026246" "20020018921"	US-PGPUB; USPAT	OR	ON	2009/06/10 19:35
S73	15	S70 or S71	US-PGPUB; USPAT	OR	ON	2009/06/10 19:35
S74	19	S72 or S73	US-PGPUB; USPAT	OR	ON	2009/06/10 19:35
S75	89032	spray\$3 same4 seal\$3	US-PGPUB; USPAT	OR	ON	2009/06/10 19:36
S76	4	S74 and (spray\$3 same4 seal\$3)	US-PGPUB; USPAT	OR	ON	2009/06/10 19:37
S77	15	S74 not S76	US-PGPUB; USPAT	OR	ON	2009/06/10 19:38
S78	2558	427/446-456.ccls.	US-PGPUB; USPAT	OR	ON	2009/06/10 20:01
S79	1812	S78 and @ad< "20031128"	US-PGPUB; USPAT	OR	ON	2009/06/10 20:02
S80	618	S79 and (spray\$3 same4 (seal\$3 bind\$3))	US-PGPUB; USPAT	OR	ON	2009/06/10 20:02
S81	588	S79 and ((spray\$3 same4 (seal\$3 bind\$3)) and (aluminum Al))	US-PGPUB; USPAT	OR	ON	2009/06/10 20:03
S82	356	S79 and ((spray\$3 same4 seal\$3) and (aluminum Al))	US-PGPUB; USPAT	OR	ON	2009/06/10 20:04
S83	204063	"428"/\$.ccls.	US-PGPUB; USPAT	OR	ON	2009/06/11 08:34
S84	125559	S83 and @ad< "20031128"	US-PGPUB; USPAT	OR	ON	2009/06/11 08:34
S85	767	S84 and (spray\$3 with seal \$3)	US-PGPUB; USPAT	OR	ON	2009/06/11 08:34
S86	4288	S84 and ((spray\$3 same4 seal\$3) and (aluminum Al))	US-PGPUB; USPAT	OR	ON	2009/06/11 08:35
S87	141	S84 and ((spray\$3 same barrier same seal\$3) and (aluminum Al))	US-PGPUB; USPAT	OR	ON	2009/06/11 08:37

S88	25	("20050064213" "4321311" "4401697" "4405659" "4880614" "4914794" "4916022" "5073433" "5238752" "5514482" "5562998" "5630314" "5683825" "5830586" "6103386" "6106959" "6183884" "6187453" "6203927" "6296945" "6395343" "6482537" "6733908" "6924040").PN. OR ("7150926").URPN.	US-PGPUB; USPAT; USOCR	OR	OFF	2009/06/11 09:05
S89	10624	S84 and ((plasma or (corrosi\$4 near4 resist\$4)) and (ceramic or barrier))	US-PGPUB; USPAT	OR	ON	2009/06/11 09:28
S90	2558	S84 and ((seal\$4 with (layer \$2 coat\$2 film\$2)) with substrate)	US-PGPUB; USPAT	OR	ON	2009/06/11 09:29
S91	435	S89 and S90	US-PGPUB; USPAT	OR	ON	2009/06/11 09:29
S92	1429	S84 and (((seal\$4 with (layer\$2 coat\$2 film\$2)) with substrate) and aluminum)	US-PGPUB; USPAT	OR	ON	2009/06/11 09:30
S93	335	S89 and S92	US-PGPUB; USPAT	OR	ON	2009/06/11 09:30
S94	1395	S84 and ((seal\$4 near4 (layer\$2 coat\$2 film\$2)) near8 substrate)	US-PGPUB; USPAT	OR	ON	2009/06/11 09:39
S95	3792	S84 and (((plasma or (corrosi\$4 near4 resist\$4)) and (ceramic or barrier)) and spray\$3 and aluminum)	US-PGPUB; USPAT	OR	ON	2009/06/11 09:40
S96	92	S94 and S95	US-PGPUB; USPAT	OR	ON	2009/06/11 09:40
S97	1	"5763015".pn.	US-PGPUB; USPAT	OR	OFF	2009/06/11 11:39
S98	1	"7157147".pn.	DERWENT	OR	OFF	2009/06/11 12:22
S99	1	"20020155227"	DERWENT	OR	OFF	2009/06/11 12:28
S100	1	"20020155227"	US-PGPUB; USPAT	OR	OFF	2009/06/11 12:28
S101	7975	118/715-733 156/345.\$2. ccls.	US-PGPUB; USPAT	OR	OFF	2009/06/11 12:35
S102	19476	118/715-733.ccls. 156/345. \$2.ccls.	US-PGPUB; USPAT	OR	OFF	2009/06/11 12:35

S103	50	S102 and (barrier corrosi \$3) and ((seal\$4 near4 (layer\$2 coat\$2 film\$2)) near8 substrate)	US-PGPUB; USPAT	OR	ON	2009/06/11 12:37
S104	26	S103 and @ad< "20031128"	US-PGPUB; USPAT	OR	ON	2009/06/11 12:37
S105	12745	S102 and @ad< "20031128"	US-PGPUB; USPAT	OR	ON	2009/06/11 12:38
S106	1	S105 and (barrier and spary \$3)	US-PGPUB; USPAT	OR	ON	2009/06/11 12:39
S107	9	S105 and ((chamber vessel) same (barrier near6 (coat\$3 film\$4 layer\$3)) same spray\$3)	US-PGPUB; USPAT	OR	ON	2009/06/11 12:40
S108	24	S105 and ((corro\$4 protec \$4) same (barrier near6 (coat\$3 film\$4 layer\$3)) same spray\$3)	US-PGPUB; USPAT	OR	ON	2009/06/11 13:01
S109	17	S108 not S107	US-PGPUB; USPAT	OR	ON	2009/06/11 13:01
S110	1	"02054780"	JPO	OR	OFF	2009/06/11 14:06
S111	1	"20020066532"	US-PGPUB; USPAT	OR	OFF	2009/06/11 14:14
S112	120613	polymer\$4 near6 resin	US-PGPUB; USPAT	OR	OFF	2009/06/11 14:56
S113	16479	(polymer\$4 near6 resin) and plasma	US-PGPUB; USPAT	OR	OFF	2009/06/11 14:57
S114	60	S113 and 118/715-733.ccls.	US-PGPUB; USPAT	OR	OFF	2009/06/11 14:57
S115	5536	(polymer\$4 near6 resin) and plasma and polyimide	US-PGPUB; USPAT	OR	OFF	2009/06/11 14:58
S116	18	S115 and 118/715-733.ccls.	US-PGPUB; USPAT	OR	OFF	2009/06/11 14:58
S117	34097	methacrylate with resin	US-PGPUB; USPAT	OR	OFF	2009/06/11 15:29
S118	2240	methacrylate with resin with (polyimide PTFE polyamidimide polyetherimide)	US-PGPUB; USPAT	OR	OFF	2009/06/11 15:43
S119	144	S118 and "427"/\$.ccls.	US-PGPUB; USPAT	OR	OFF	2009/06/11 15:44
S120	685	(methacrylate with resin with (polyimide PTFE polyamidimide polyetherimide)) and plasma	US-PGPUB; USPAT	OR	OFF	2009/06/11 15:46
S121	207	S120 and @ad< "20021128"	US-PGPUB; USPAT	OR	OFF	2009/06/11 15:46

S122	8	(methacrylate with seal\$3 with resin with (polyimide PTFE polyamidamide polyetherimide)) and plasma	US-PGPUB; USPAT	OR	OFF	2009/06/11 15:47
S123	0	S122 and @ad< "20021128"	US-PGPUB; USPAT	OR	OFF	2009/06/11 15:48
S124	13	(methacrylate with seal\$3 with resin with (polyimide PTFE polyamidamide polyetherimide))	US-PGPUB; USPAT	OR	OFF	2009/06/11 15:48
S125	3	S124 and @ad< "20021128"	US-PGPUB; USPAT	OR	OFF	2009/06/11 15:48
S126	37	(methacrylate with seal\$3 with (polyimide PTFE polyamidamide polyetherimide))	US-PGPUB; USPAT	OR	OFF	2009/06/11 15:50
S127	13	S126 and @ad< "20021128"	US-PGPUB; USPAT	OR	OFF	2009/06/11 15:51
S128	44	118/715-733.ccls. and ((flame adj spray\$3) with (plasma adj spray\$3))	US-PGPUB; USPAT	OR	OFF	2009/06/13 05:45
S129	23	118/715-733.ccls. and ((flame adj spray\$3) with (thermal adj spray\$3))	US-PGPUB; USPAT	OR	OFF	2009/06/13 05:46
S130	1	"5366585".pn.	US-PGPUB; USPAT	OR	OFF	2009/06/13 05:59
S131	37	(methacrylate with seal\$3 with (polyimide PTFE polyamidamide polyetherimide))	US-PGPUB; USPAT	OR	OFF	2009/06/13 06:27
S132	13	S131 and @ad< "20021128"	US-PGPUB; USPAT	OR	OFF	2009/06/13 06:28
S133	1	"4357387".pn.	US-PGPUB; USPAT	OR	OFF	2009/06/13 06:31
S134	476	(methacrylate with seal\$3) same (spray\$3 near4 coat \$4 film\$3 layer\$3)	US-PGPUB; USPAT	OR	OFF	2009/06/13 06:37
S135	8	(methacrylate with seal\$3) same (spray\$3 near4 (coat \$4 film\$3 layer\$3))	US-PGPUB; USPAT	OR	OFF	2009/06/13 06:37
S136	17	(polymethacrylate dimethacrylate) with seal\$3 with (polyimide PTFE polyamidamide polyetherimide)	US-PGPUB; USPAT	OR	OFF	2009/06/13 06:53
S137	3	S136 and @ad< "20021128"	US-PGPUB; USPAT	OR	OFF	2009/06/13 06:54

S138	42	(US-20040216667-\$ or US-20050150866-\$ or US-20020155227-\$ or US-20030072891-\$ or US-20030082412-\$ or US-20030113479-\$ or US-20030219544-\$ or US-20030049485-\$ or US-20050013994-\$ or US-20020066532-\$).did. or (US-5534356-\$ or US-5892278-\$ or US-6120955-\$ or US-6771483-\$ or US-7300537-\$ or US-5948521-\$ or US-3607343-\$ or US-4713284-\$ or US-5169674-\$ or US-5800871-\$ or US-6849306-\$ or US-6835425-\$ or US-4422749-\$ or US-5952054-\$ or US-5789077-\$ or US-6132890-\$ or US-6521293-\$ or US-5909354-\$ or US-4915906-\$ or US-6210791-\$ or US-6342272-\$ or US-7157147-\$ or US-6383964-\$ or US-4839239-\$ or US-5338577-\$ or US-7150926-\$).did. or (US-5763015-\$ or US-6724140-\$ or US-5366585-\$).did. or (JP-02054780-\$).did. or (DE-3316348-\$ or US-20020155227-\$).did.	US-PGPUB; USPAT; JPO; DERWENT	OR	OFF	2009/06/13 16:52
S139	14	S138 and blast\$3	US-PGPUB; USPAT	OR	OFF	2009/06/13 16:52
S140	2559	427/446-456.ccls.	US-PGPUB; USPAT	OR	ON	2009/06/13 16:59
S141	1641	S140 and @ad< "20021128"	US-PGPUB; USPAT	OR	ON	2009/06/13 16:59
S142	4	S141 and ((barrier near8 blast\$3) and aluminum)	US-PGPUB; USPAT	OR	ON	2009/06/13 16:59
S143	5	S141 and (barrier near8 blast\$3)	US-PGPUB; USPAT	OR	ON	2009/06/13 17:00
S144	1	S143 not S142	US-PGPUB; USPAT	OR	ON	2009/06/13 17:00
S145	2	"2001226773"	JPO	OR	ON	2010/03/29 11:45
S146	1	"6454912".pn.	US-PGPUB; USPAT	OR	OFF	2010/04/01 20:08

4/9/2010 10:58:58 PM

H:\Workspaces\Plas_10722602A.wsp